



News Release

ASTROPOWER UNVEILS NEW ROOFTOP-INTEGRATED SOLAR ELECTRIC POWER SYSTEMS

New Products Provide Seamless Roof-Integration for Enhanced Aesthetics

NEWARK, DE – November 12, 2002 – AstroPower, Inc. (NASDAQ: APWR) announced today that it has introduced a new line of residential solar electric power systems featuring solar power arrays that fully integrate into a home's roof. Benefits of the new systems include faster installation time, reduced installation cost, and enhanced aesthetics when compared with traditional rooftop-mounted solar power systems. AstroPower's new products will be offered initially to homebuilders as part of the company's SunChoice™ program.

The key component of AstroPower's new systems is a solar power array that aligns with existing roof shingles to create a seamless roof appearance. Unlike traditional solar panels that are "standoff-mounted" above the roofline, AstroPower's new solar power arrays directly replace conventional roof tiles. Not only does this approach simplify installation and reduce installation cost, it also enables the resultant solar power array to blend into the finished roof on a continuous plane.

The new line of roof-integrated solar electric power systems will initially be marketed to AstroPower's existing roster of homebuilder partners, including Shea Homes, Pardee Homes, Premier Homes, Centex (NYSE: CTX), Standard Pacific of San Diego (NYSE: SPF), Clarum Homes, and US Home, a division of Lennar Corporation (NYSE: LEN).

AstroPower worked with Premier Homes during the development stages of the rooftop-integrated product, fitting several homes as test sites in the Sacramento area. "We were thrilled to have the opportunity to offer a builder perspective during the development of this product," said John Stewart, Principal, at Premier Homes. "We approached this project with the goal of bringing clean, reliable power to new homebuyers in an unobtrusive, streamlined package. We feel that this goal has been fully realized, and believe that these new systems will enable us to further differentiate our new communities and bring value to our new homebuyers."

SunChoice™ Solar Electric Home Power Systems with rooftop-integrated modules include everything a homebuilder needs to share the benefits of solar electric power with its homebuyers, including plug-and-play wiring and power

electronics. The systems feature all necessary components for ease of installation and operation, including a power meter so homeowners can easily monitor system performance. SunChoice™ systems enable homeowners to generate their own clean, quiet electricity while spinning their meters backward and driving their utility bills toward zero. With no moving parts, the systems require virtually no maintenance and offer worry-free operation.

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"Builders are choosing solar electric power because it differentiates them in the market, is right for the environment, and delivers real value to their homebuyers," said Howard Wenger, Vice President, North American Business. "Homeowners save money from the moment they move in and turn on the lights. And they are excited to be making their own power."

Wenger continued: "Our new rooftop-integrated solar array is designed to provide the same level of reliability and performance as our conventional products while taking aesthetics to a whole new level."

"AstroPower is continuing to make solar electric power a mainstream product in the United States through homebuilder partnerships, as well as our retail partner The Home Depot and a robust independent dealer network," said Dr. Allen Barnett, President and CEO of AstroPower. "This new consumer-friendly product will drive the technology further into the market -- more rapidly, and with improved aesthetics. The feedback we have received already from builders and homeowners is quite positive."

Photography of AstroPower's rooftop-integrated product can be accessed via www.astropower.com.

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About AstroPower

Headquartered in Newark, Delaware, AstroPower is the world's largest independent manufacturer of solar electric power products, and one of the world's fastest-growing solar electric power companies. AstroPower develops, manufactures, markets and sells a range of solar electric power generation products, including solar cells, modules, and panels as well as its SunChoice™ pre-packaged systems for the global marketplace. Solar electric power systems provide a clean, renewable source of electricity in both off-grid and on-grid applications. In October 2002, AstroPower was named one of the 200 Best Small Companies by *Forbes Magazine*. For more information, please visit www.astropower.com.

This press release contains forward-looking statements that are made pursuant to the Safe Harbor provisions of the Private Securities Litigation Reform Act of 1995.

Forward-looking statements involve risks and uncertainties, as described in the Company's registration statements and periodic reports filed with the Securities and Exchange Commission. As a result, there can be no assurance that the Company's future results will not be materially different from those projected. The projections contained herein speak only of the Company's expectations as of the date of this press release. The Company hereby expressly disclaims any obligation or undertaking to release publicly any updates or revisions to any such statements to reflect any change in the Company's expectations or any change in events, conditions or circumstances on which such statement is based.

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